

What is claimed is:

1. A bearing seal structure for a developing device included in an image forming apparatus, said bearing seal structure comprising:

a first seal member and a second seal member included in a bearing portion and each having a respective elastic seal lip configured to seal an outer periphery of a shaft in contact with said outer periphery; and

grease sealed between said first seal member and said second seal member and between one of said first seal member and said second seal member closer to said bearing portion than the other and said bearing portion.

2. The structure as claimed in claim 1, further comprising a holding member configured to hold said first seal member and said second seal member.

3. The structure as claimed in claim 2, wherein said holding member is formed of crystalline resin.

4. The structure as claimed in claim 2, wherein said holding member is formed of resin containing glass fibers.

5. The structure as claimed in claim 2, wherein said holding member is formed of metal.

6. In a developing device for an image forming apparatus and including a bearing seal structure, said bearing seal structure comprising:

a first seal member and a second seal member included

in a bearing portion and each having a respective elastic seal lip configured to seal an outer periphery of a shaft in contact with said outer periphery; and

grease sealed between said first seal member and said second seal member and between one of said first seal member and said second seal member closer to said bearing portion than the other and said bearing portion.

7. The device as claimed in claim 6, wherein said bearing structure is applied to bearing portions configured to rotatably support opposite ends of a single rotary shaft.

8. An image forming apparatus comprising:  
an image carrier; and  
a developing device configured to develop a latent image formed on said image carrier;

said developing device including a bearing seal structure comprising:

a first seal member and a second seal member included in a bearing portion and each having a respective elastic seal lip configured to seal an outer periphery of a shaft in contact with said outer periphery; and

grease sealed between said first seal member and said second seal member and between one of said first seal member and said second seal member closer to said bearing portion than the other and said bearing portion.

9. The apparatus as claimed in claim 8, wherein said bearing structure is applied to bearing portions configured to rotatably support opposite ends of a single rotary shaft.